

CTE Course Crosswalk

TAC Chapter 130. Career and Technical Education				
Subchapter A. Agriculture, Food, and Natural Resources				
2010	Credits	2017	Credits	Codes
Principles of Agriculture, Food, and Natural Resources	.5 - 1	Principles of Agriculture, Food, and Natural Resources	1	
Livestock Production	.5 - 1	Livestock Production	1	
Small Animal Management	.5 - 1	Small Animal Management	.5	
Equine Science	.5 - 1	Equine Science	.5	
Veterinary Medical Applications	1	Veterinary Medical Applications	1	P
Advanced Animal Science	1	Advanced Animal Science	1	P, S
Professional Standards in Agribusiness	.5 - 1	Professional Standards in Agribusiness	.5	
Agribusiness Management and Marketing	.5 - 1	Agribusiness Management and Marketing	1	
Mathematical Applications in Agriculture, Food, and Natural Resources	1	Mathematical Applications in Agriculture, Food, and Natural Resources	1	M, P
Energy and Natural Resources Technology	.5 - 1	Energy and Natural Resource Technology	1	
Advanced Environmental Technology	1	Advanced Energy and Natural Resource Technology	1	
Principles of Oil and Gas Production (Innovative course)	.5 - 1	Oil and Gas Production I	1	
Oil and Gas Production I (Innovative course)	1 - 2			
Oil and Gas Production II (Innovative course)	1 - 3	Oil and Gas Production II	1	P
Food Technology and Safety	.5 - 1	Food Technology and Safety	1	
Food Processing	1 - 2	Food Processing	1	
Wildlife, Fisheries and Ecology Management	.5 - 1	Wildlife, Fisheries and Ecology Management	1	
Range Ecology and Management	.5 - 1	Range Ecology and Management	1	
Forestry and Woodland Ecosystems	.5 - 1	Forestry and Woodland Ecosystems	1	
Principles and Elements of Floral Design	1	Floral Design	1	F
Landscape Design and Turf Grass Management	.5 - 1	Landscape Design and Management	.5	
		Turf Grass Management	.5	
Horticulture Science	.5 - 1	Horticultural Science	1	
n/a		Greenhouse Operation and Production	1	
Advanced Plant and Soil Science	1	Advanced Plant and Soil Science	1	S
Agricultural Mechanics and Metal Technologies	.5 - 1	Agricultural Mechanics and Metal Technologies	1	
Agricultural Facilities Design and Fabrication	1 - 2	Agricultural Structures Design and Fabrication	1	
n/a		Agricultural Equipment Design and Fabrication	1	
Agricultural Power Systems	1 - 2	Agricultural Power Systems	2	
n/a		Agricultural Laboratory and Field Experience*	1	
Practicum in Agriculture, Food, and Natural Resources	2 - 3	Practicum in Agriculture, Food, and Natural Resources	2	
		Extended Practicum in Agriculture, Food, and Natural Resources**	1	

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*This course must be taken concurrently with a corequisite course from the Agriculture, Food, and Natural Resources Career Cluster and may not be taken as a stand-alone course. Districts are encouraged to offer this lab in a consecutive block with the corequisite course to allow students sufficient time to master the content of both courses. Corequisite: any course in the Agriculture, Food, and Natural Resources Career Cluster, excluding Principles of Agriculture, Food, and Natural Resources; Practicum in Agriculture, Food, and Natural Resources; and any 1/2 credit Agriculture, Food, and Natural Resources course.

Example: Agricultural Power Systems (2 credits) + Agricultural Laboratory and Field Experience (1 credit) = 3 credits.

**This course must be taken concurrently with Practicum in Agriculture, Food, and Natural Resources and may not be taken as a stand-alone course.

Example: Practicum in Agriculture, Food, and Natural Resources (2 credits) + Extended Practicum in Agriculture, Food, and Natural Resources (1 credit) = 3 credits

Note: A student may repeat a practicum course or practicum course + extended practicum course once for credit provided that the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills.

Legend:

F = Meets a graduation requirement for fine arts

M = Meets a graduation requirement for mathematics

P = This course has prerequisites

S = Meets a graduation requirements for science